

A method for treating pelvic tumors, such as uterine leiomyomata, includes inserting an ablation apparatus into a pelvic region and positioning the ablation apparatus either proximate or into a pelvic tumor. The method further includes using a laparoscope and an imaging device, such as an ultrasound machine, to confirm the location of the pelvic tumor and placement of the ablation apparatus. Various ablation apparatuses may be used, including those with multiple needles or deployable arms that are inserted into the pelvic tumor and those without arms. The method further includes delivering electromagnetic energy or other energy through the ablation apparatus to the pelvic tumor to ablate the tumor. A surgical system for ablating pelvic tumors is also provided.